



RAW SEQUENCE LISTING ERROR REPORT

BEST AVAILABLE COPY

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: US/09/847637
Source: OIPE
Date Processed by STIC: 08/13/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIFE

RAW SEQUENCE LISTING

DATE: 08/13/2001

PATENT APPLICATION: US/09/847,637

TIME: 10:51:06

Input Set : A:\13125-002001.TXT

Output Set: N:\CRF3\08132001\I847637.raw

4 <110> APPLICANT: Naparstek, Yaakov
 5 Ulmanský, Rina
 6 Kashi, Yechezkel
 8 <120> TITLE OF INVENTION: NOVEL AMINO ACID SEQUENCES, DNA ENCODING
 9 THE AMINO ACID SEQUENCES, ANTIBODIES DIRECTED AGAINST SUCH
 10 SEQUENCES AND THE DIFFERENT USES THEREOF
 13 <130> FILE REFERENCE: 13125-002001
 15 <140> CURRENT APPLICATION NUMBER: 09/847,637
 16 <141> CURRENT FILING DATE: 2001-05-02
 18 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00595
 19 <151> PRIOR FILING DATE: 1999-11-04
 21 <150> PRIOR APPLICATION NUMBER: 60/107,213
 22 <151> PRIOR FILING DATE: 1998-11-05
 24 <160> NUMBER OF SEQ ID NOS: 9
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

310 <210> SEQ ID NO: 9
 311 <211> LENGTH: 575
 312 <212> TYPE: PRT
 313 <213> ORGANISM: Artificial Sequence
 315 <220> FEATURE:
 316 <223> OTHER INFORMATION: Common motif
 318 <400> SEQUENCE: 9
 319 Ala Lys Ala Arg Gly Leu Ala Asp Ala Val Val Thr Gly Pro Lys Gly
 320 1 5 10 15
 321 Arg Val Glu Trp Gly Pro Thr Asp Gly Val Ala Lys Ile Leu Asp Tyr
 322 20 25 30
 323 Ile Gly Ala Leu Val Val Ala Thr Ala Gly Asp Gly Thr Thr Thr Ala
 324 35 40 45
 325 Thr Val Leu Ala Glu Gly Gly Ala Asn Pro Arg Gly Ala Val Val Leu
 326 50 55 60
 327 Lys Lys Val Thr Glu Ile Ala Ala Ile Ser Ala Gly Asp Ile Gly Ile
 328 65 70 75 80
 329 Ala Met Lys Val Gly Gly Val Ile Thr Val Thr Leu Glu Glu Gly Met
 330 85 90 95
 331 Phe Asp Gly Tyr Ile Ser Tyr Phe Gln Asp Tyr Leu Leu Lys Ser Pro
 332 100 105 110
 333 Leu Glu Lys Pro Leu Ile Ile Ala Glu Asp Val Gly Glu Ala Leu Ser
 334 115 120 125
 335 Thr Leu Val Asn Val Ala Val Lys Ala Pro Gly Phe Gly Asp Arg Lys
 336 130 135 140
 337 Leu Asp Met Ala Ile Thr Gly Gly Val Glu Glu Leu Leu Glu Leu Gly
 338 145 150 155 160
 339 Lys Val Val Thr Lys Asp Gly Gly Asp Ile Arg Ile Ser Tyr Glu Lys

Does Not Comply
 Corrected Diskette Needed

Errored: See page 2 of 4

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```

340                      165                      170                      175
341 Leu Glu Arg Leu Ala Lys Leu Gly Val Ala Val Lys Gly Val Glu Glu
342                      180                      185                      190
343 Lys Arg Asp Ala Ala Ala Val Glu Glu Gly Ile Val Gly Gly Gly Leu
344                      195                      200                      205
345 Leu Pro Leu Asp Leu Asp Gly Ile Lys Leu Pro Leu Ala Asn Gly Glu
346                      210                      215                      220
347 Glu Lys Gly Ala Gly Gly Asp Pro Lys Val Arg Ala Leu Ala Ala Ala
348 225                      230                      235                      240
349 Leu Thr Glu Val Val Pro Glu Lys Pro Gly Gly Met Gly Gly Met
E--> 350                      245                      250                      255

```

Field 211 integer does not match
the actual number of protein
residues in the sequence listing.
Field 211 indicates 575 residues;
There are only 255 residues in the sequence.

VERIFICATION SUMMARY

DATE: 08/13/2001

PATENT APPLICATION: US/09/847,637

TIME: 10:51:07

Input Set : A:\13125-002001.TXT

Output Set: N:\CRF3\08132001\I847637.raw

L:350 M:252 E: No. of Seq. differs, <211>LENGTH:Input:575 Found:255 SEQ:9